



# WPT45

## AC Drive Power Pallet Truck

Low cost motorized pallet truck, ideal for crowded loading docks, work cells and congested aisles.



### CAPACITY

4500 lbs.

### BATTERY

24-volt industrial battery or battery pack. Minimum battery weight 480 lbs. AH capacity minimum/maximum 180/255. Battery compartment dimensions are 26.37" x 8.46" x open. Connector is SB-175 Gray—A-11.

### SPEED

ZAPI AC O travel controller

Variable from 0 mph to 3.66 mph empty  
Variable from 0 mph to 2.86 mph loaded

### WEIGHT

940 lbs Chassis Only

### TIRES

DRIVE

9" x 3" polyurethane

LOAD

3.3" x 4.5" polyurethane

### HYDRAULICS

Lift cylinder is hard chrome. Pump unit including motor, gear pump, and solenoid are actuated using a pressure compensated lowering valves mounted high in the power compartment for ease of service.

### ELECTRICAL

ZAPI AC O travel control-inverter and matching Monarch drive motor provide high torque throughout entire drive range. Travel speed remains constant relative to throttle position regardless of load on truck. Automatic resetting circuit breaker and fused circuit protection complete the 24V electrical system.

### BRAKES

Electromagnetic brake is mounted on motor armature shaft multiplying the braking power through the ZF GK10 transmission. Brake is applied when control arm is in the vertical or horizontal handle position.

### CONTROLS

Travel, lift, lower functions are located in the ergonomic operator handle, designed to allow operation with either hand. Wrap around guard, reversing switch, thumb control, and horn are standard.

Creep speed function while steer handle is at 1.5° back-tilt from vertical. This allows for easy maneuvering at reduced travel speeds in tight places.

### TRANSMISSION

Vertically mounted drive motor is direct mounted to gear housing. Oil bathed ZF GK10 hypoid bevel gear drive train transfers power to axle. State of the art optimized gear technology supplies advantages such as minimal envelope circle, zero maintenance, low noise level, high efficiency and high performance.

### BEARINGS

DRIVE WHEEL-Tapered roller bearings sealed in oil bath

LOAD WHEELS-Sealed ball bearings

FORK LINKAGE-Self lubricated heat treated bushing no lubrication needed.

### ACCESSIBILITY

Removal of two piece power head cover exposes major components for inspection and maintenance. Press on drive tire can be removed with one nut.

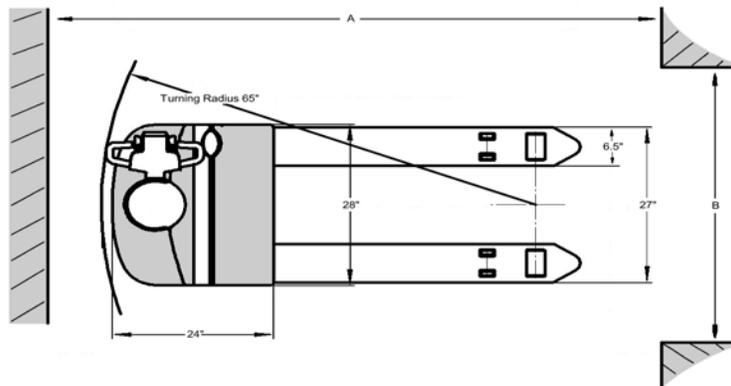
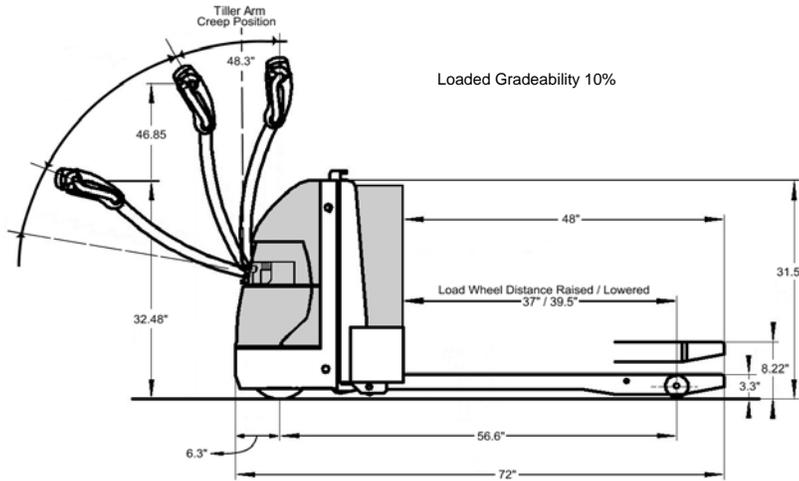
### STANDARD EQUIPMENT

- Regenerative Neutral Braking
- Creep Speed Control
- Gas Assist Spring Handle
- Steel Wrap Around Bumper
- Finger Tip Control
- Press-on Polyurethane Drive Tire
- Low Battery Lift Interrupt
- Hour Meter BDI Combo Gauge

### OPTIONAL EQUIPMENT

- Fork Lengths and Fork Widths
- Load Backrest
- Stability Casters
- (4)6V 180AH Maintenance Free Battery Pack with Built-In 110VAC Charger
- (1)24V 255AH Industrial Battery





Pallet Width	Pallet Length					
	36		42		48	
	A	B	A	B	A	B
36	62	38	67	52	73	55
40	62	42	68	54	72	57
42	62	44	68	58	73	58
48	63	50	68	58	74	62
60	64	50	69	69	75	72

Note: Data shown in inches.  
Dimensions shown are zero clearance. Add 6-12" for maneuvering.

A - Right Angle Stack  
B - Intersecting Aisle

- ZAPI travel control
- ZF GK10 Drive
- Neutral braking
- Creep speed control
- Gas assist spring handle
- Steel wrap around bumper
- Finger tip control
- Low battery lift-interrupt
- Hour meter BDI combo gauge